Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
Data File : BG043469.D
Acq On : 1 Nov 2019 17:19
Operator : JU
Sample : K5603-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190948-COMPOSITE-KM-PA

Quant Time: Nov 22 05:36:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	40019	20.00	ng		0.02
21) Naphthalene-d8	10.82	136	156490	20.00	ng		0.03
39) Acenaphthene-d10	14.64	164	113415	20.00	ng		0.02
64) Phenanthrene-d10	17.39	188	277503	20.00	ng		0.02
76) Chrysene-d12	21.65	240	292845	20.00	ng		0.02
87) Perylene-d12	24.84	264	349115	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	238251	109.09	ng		0.02
7) Phenol-d6	7.19	99	335083	106.64	ng		0.00
23) Nitrobenzene-d5	9.17	82	174534	57.50	ng		0.02
42) 2,4,6-Tribromophenol	16.13	330	199020	92.21	ng		0.02
45) 2-Fluorobiphenyl	13.26	172	356751	43.47	ng		0.02
79) Terphenyl-d14	20.00	244	688710	44.12	ng		0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.18	70	25021	12.323	ng	#	69
50) Dimethylphthalate	14.09	163	66514	7.572	ng		99
57) 2,4-Dinitrotoluene	14.64	165	15497	5.682	ng	#	26
67) 4-Bromophenyl-phenylether	16.13	248	12625	3.381	ng	#	1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

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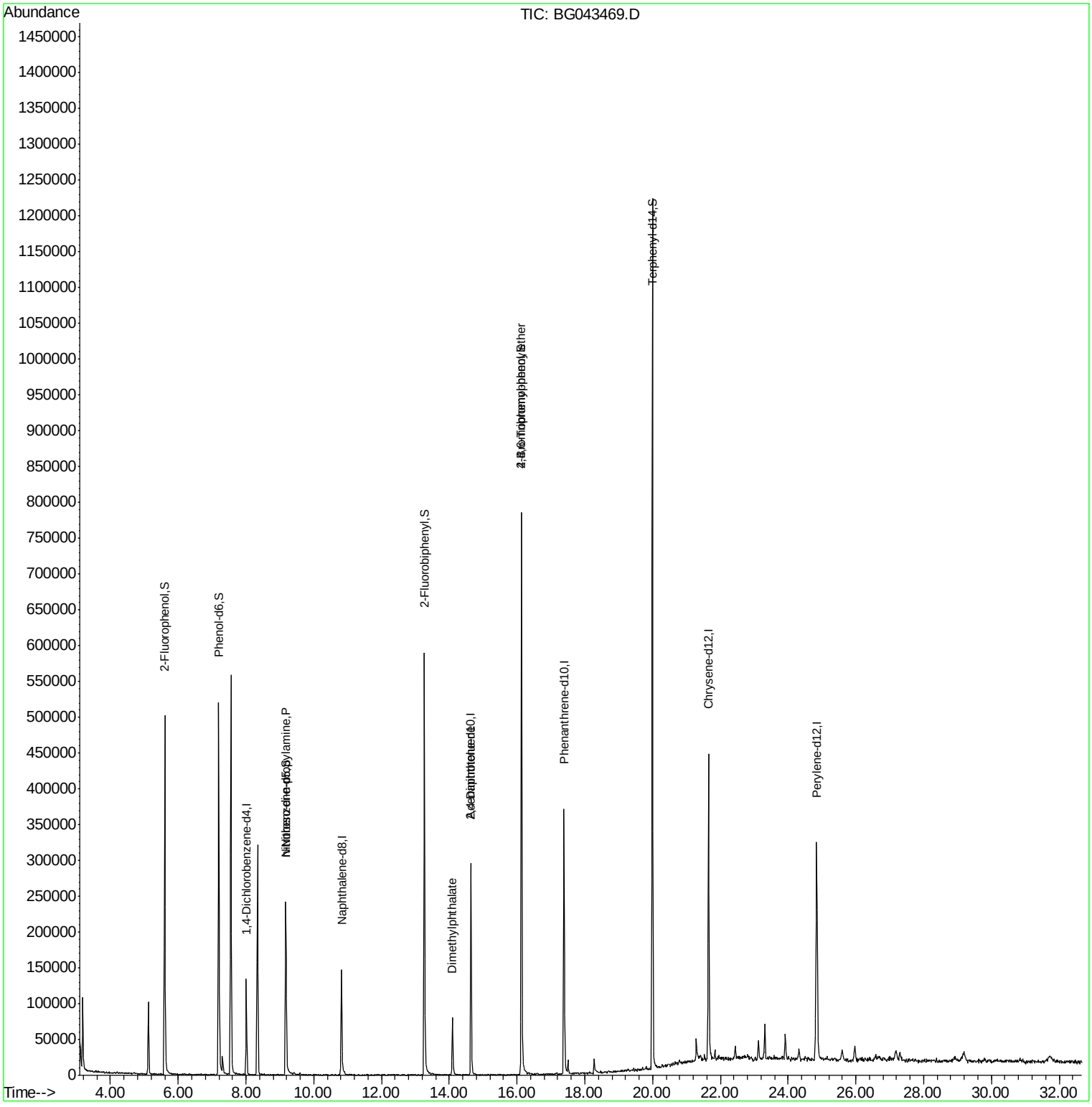
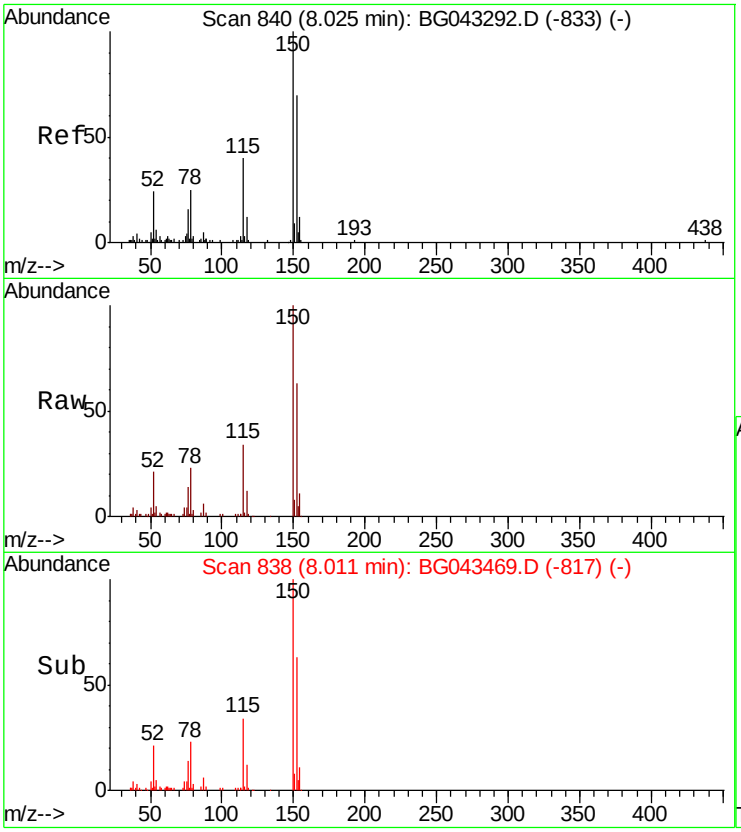


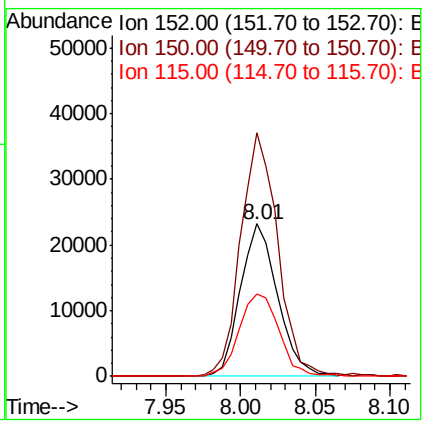


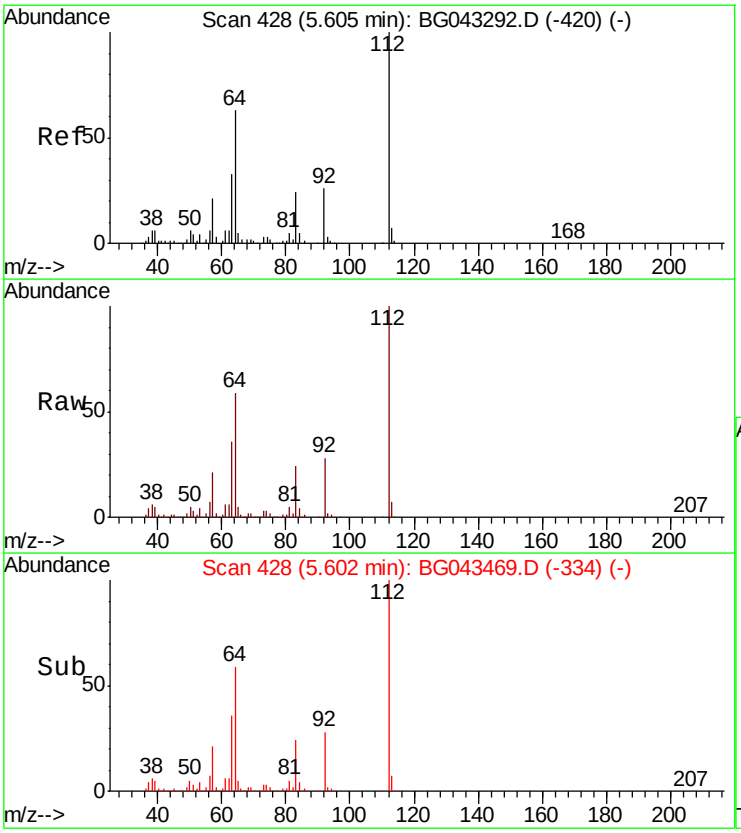
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.02 min
Lab File: BG043469.D
Acq: 1 Nov 2019 17:19

Instrument :
BNA_G
ClientSampleId :
20190948-COMPOSITE-KM-PA

Tgt Ion:152 Resp: 40019

Ion	Ratio	Lower	Upper
152	100		
150	159.5	116.6	175.0
115	53.6	40.5	60.7

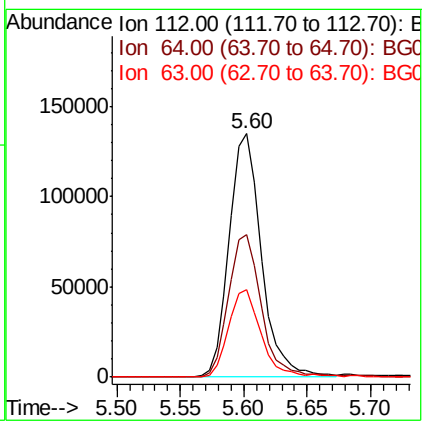


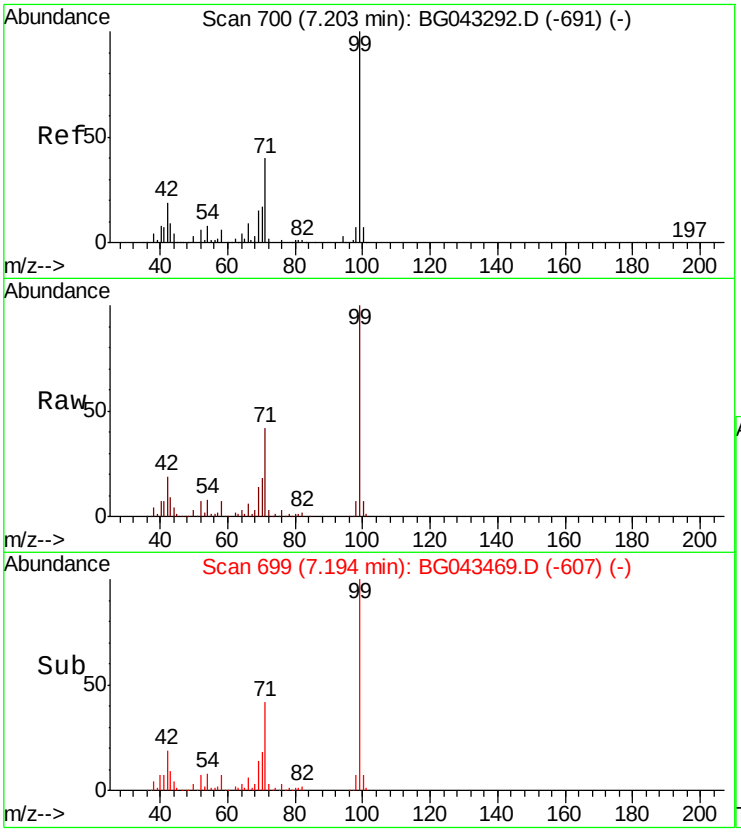


#5
2-Fluorophenol
Concen: 109.094 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.02 min
Lab File: BG043469.D
Acq: 1 Nov 2019 17:19

Tgt Ion:112 Resp: 238251

Ion	Ratio	Lower	Upper
112	100		
64	58.5	50.6	75.8
63	36.0	30.5	45.7



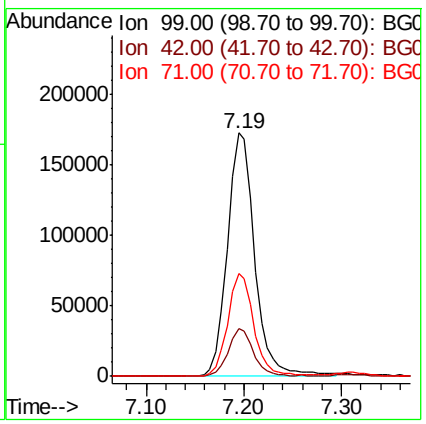


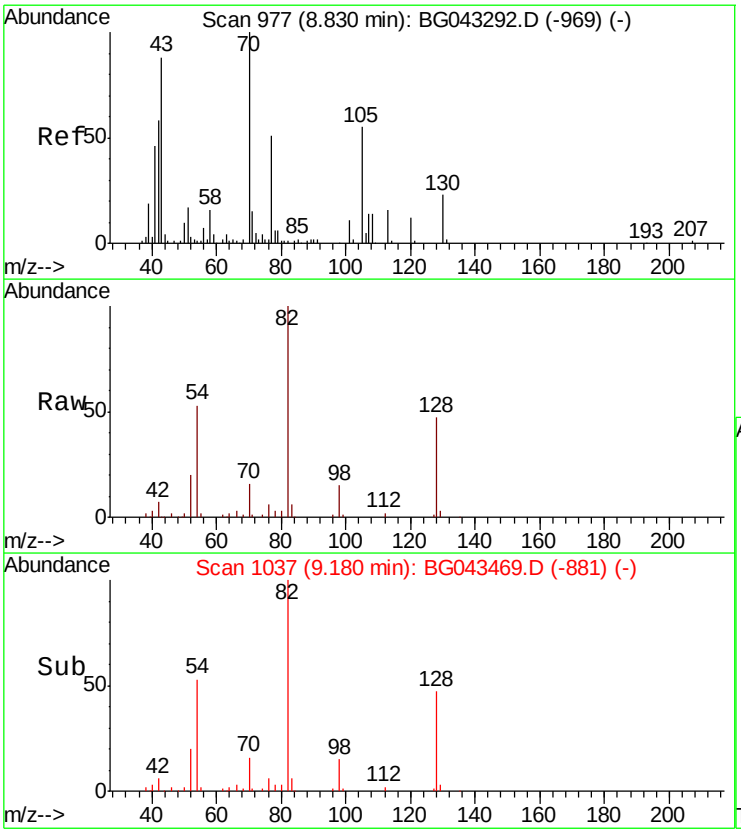
#7
Phenol-d6
Concen: 106.642 ng
RT: 7.19 min Scan# 699
Delta R.T. 0.01 min
Lab File: BG043469.D
Acq: 1 Nov 2019 17:19

Instrument :
BNA_G
ClientSampleId :
20190948-COMPOSITE-KM-PA

Tgt Ion: 99 Resp: 335083

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.8	23.8
71	42.4	34.4	51.6

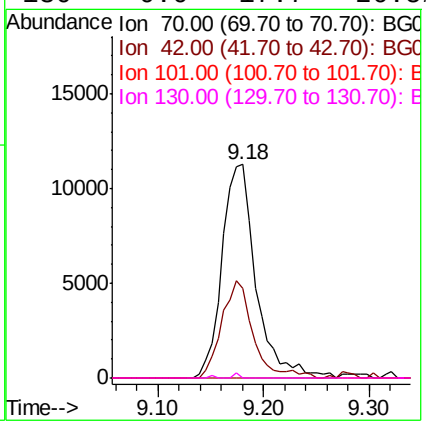


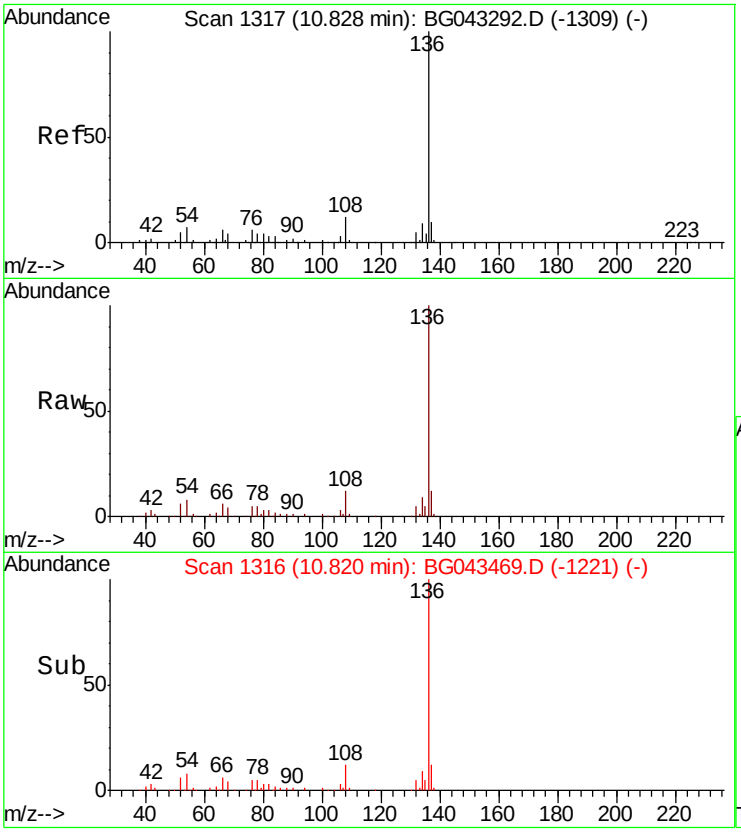


#19
n-Nitroso-di-n-propylamine
Concen: 12.323 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.39 min
Lab File: BG043469.D
Acq: 1 Nov 2019 17:19

Tgt Ion: 70 Resp: 25021

Ion	Ratio	Lower	Upper
70	100		
42	42.2	49.7	74.5#
101	0.0	9.7	14.5#
130	0.0	17.7	26.5#



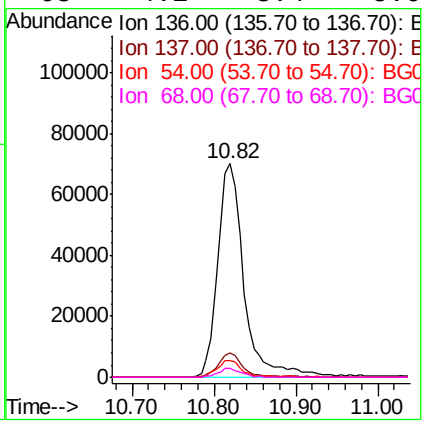


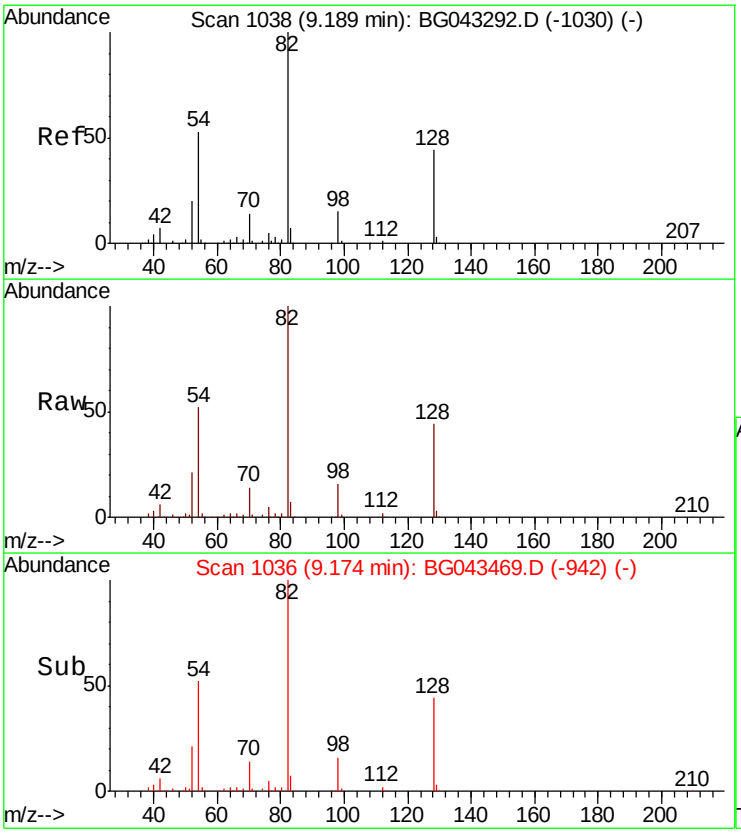
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.03 min
Lab File: BG043469.D
Acq: 1 Nov 2019 17:19

Instrument :
BNA_G
ClientSampleId :
20190948-COMPOSITE-KM-PA

Tgt Ion:136 Resp: 156490

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	7.7	6.2	9.2
68	4.2	3.4	5.0

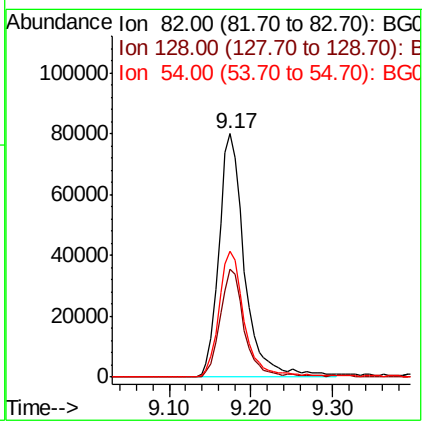


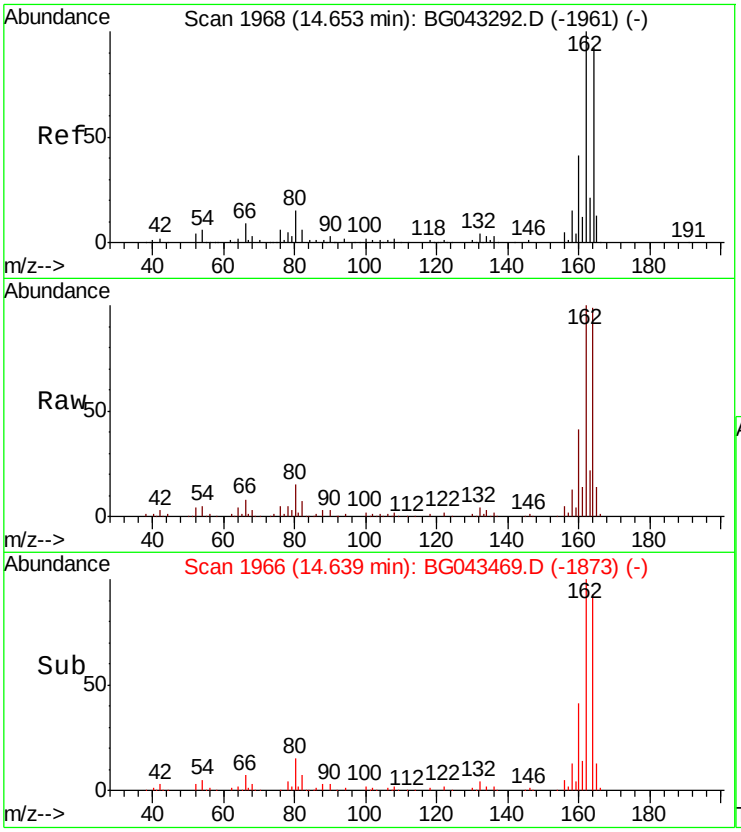


#23
Nitrobenzene-d5
Concen: 57.499 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.02 min
Lab File: BG043469.D
Acq: 1 Nov 2019 17:19

Tgt Ion: 82 Resp: 174534

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.2	51.4
54	51.7	44.7	67.1



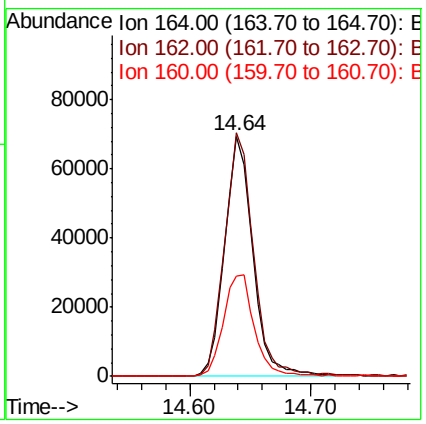


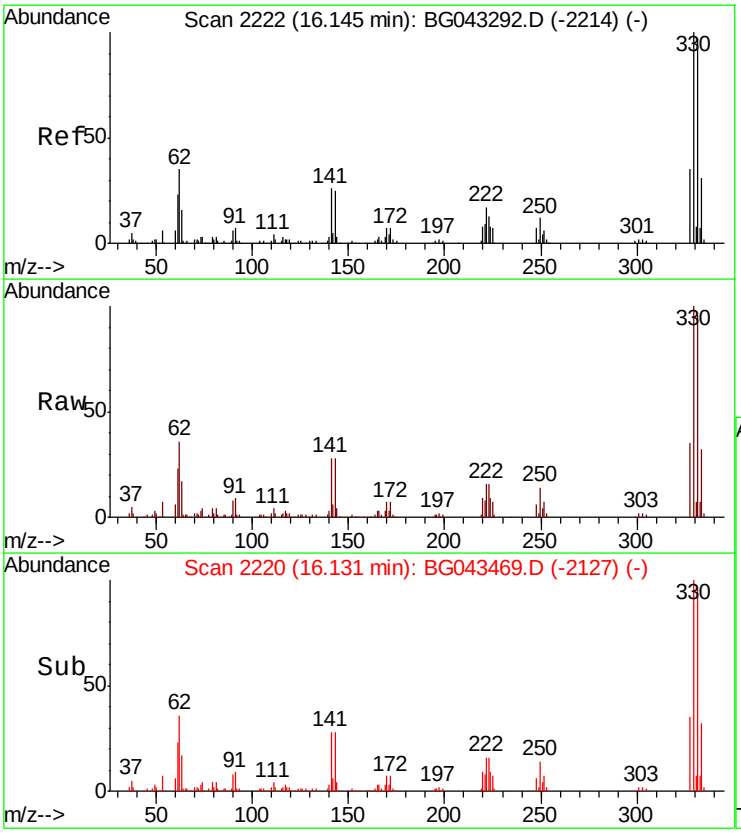
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.02 min
Lab File: BG043469.D
Acq: 1 Nov 2019 17:19

Instrument :
BNA_G
ClientSampleId :
20190948-COMPOSITE-KM-PA

Tgt Ion:164 Resp: 113415

Ion	Ratio	Lower	Upper
164	100		
162	101.3	79.4	119.2
160	41.6	36.3	54.5

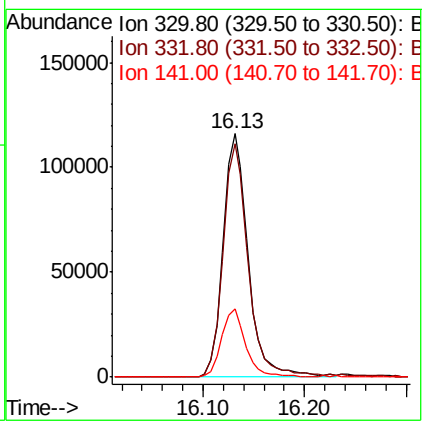


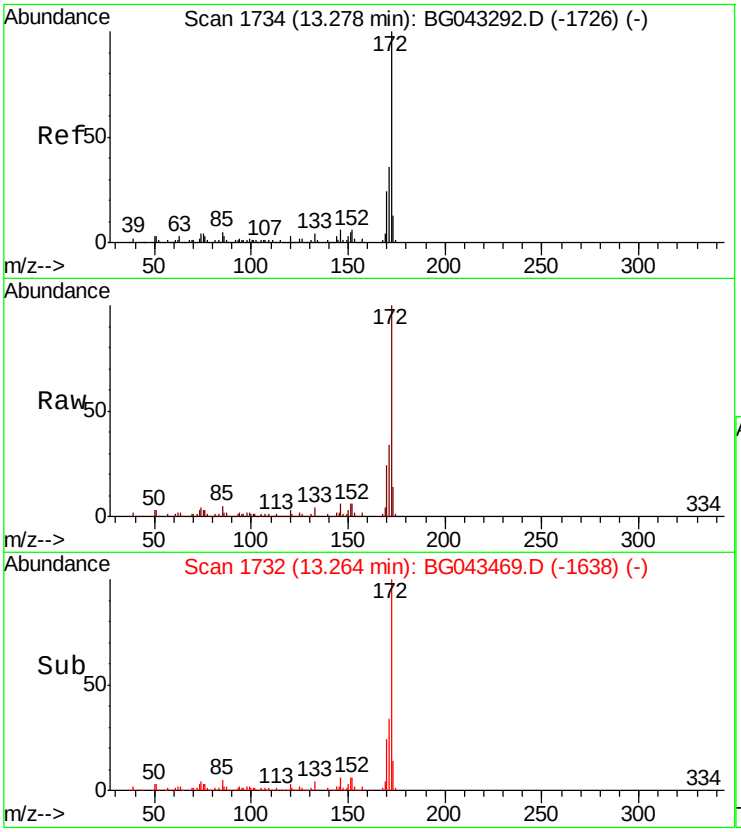


#42
2,4,6-Tribromophenol
Concen: 92.212 ng
RT: 16.13 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BG043469.D
Acq: 1 Nov 2019 17:19

Tgt Ion:330 Resp: 199020

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	27.3	23.4	35.2



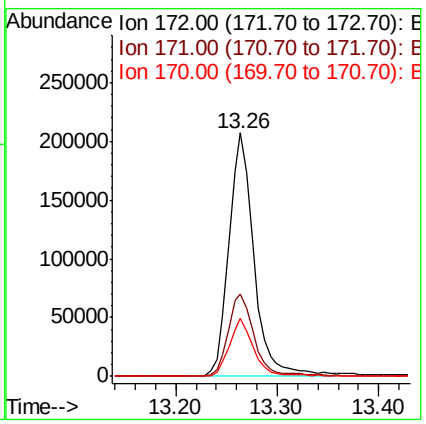


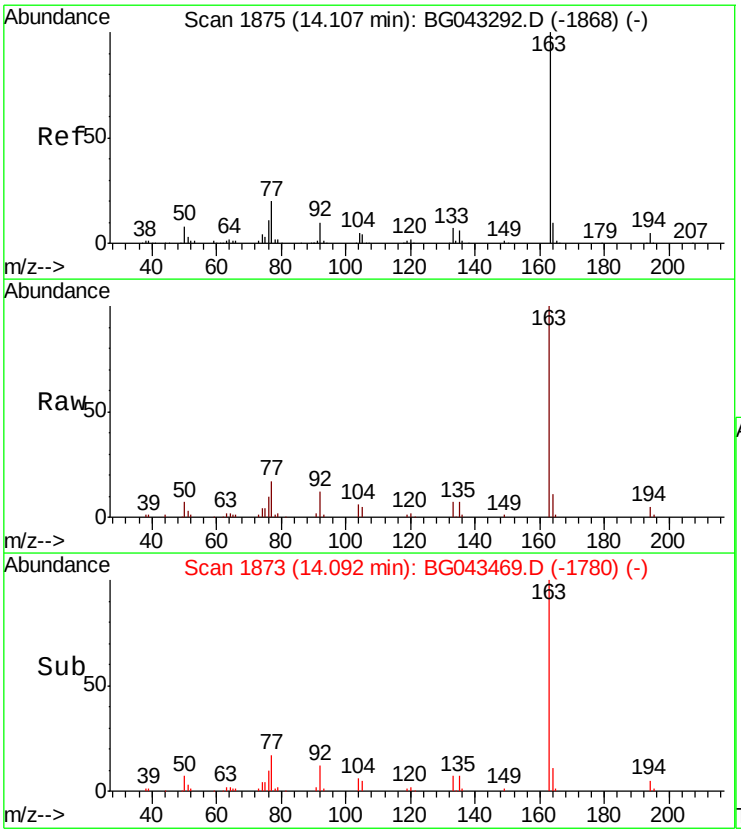
#45
2-Fluorobiphenyl
Concen: 43.465 ng
RT: 13.26 min Scan# 1732
Delta R.T. 0.02 min
Lab File: BG043469.D
Acq: 1 Nov 2019 17:19

Instrument :
BNA_G
ClientSampleId :
20190948-COMPOSITE-KM-PA

Tgt Ion:172 Resp: 356751

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.1	42.1
170	23.6	18.8	28.2

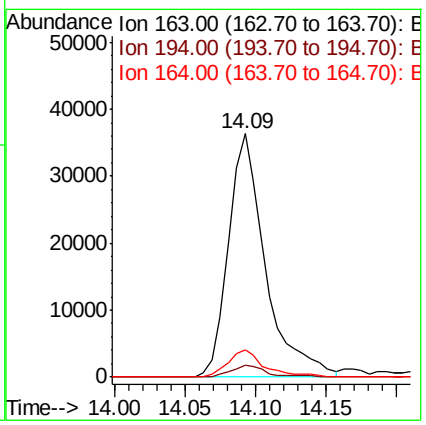


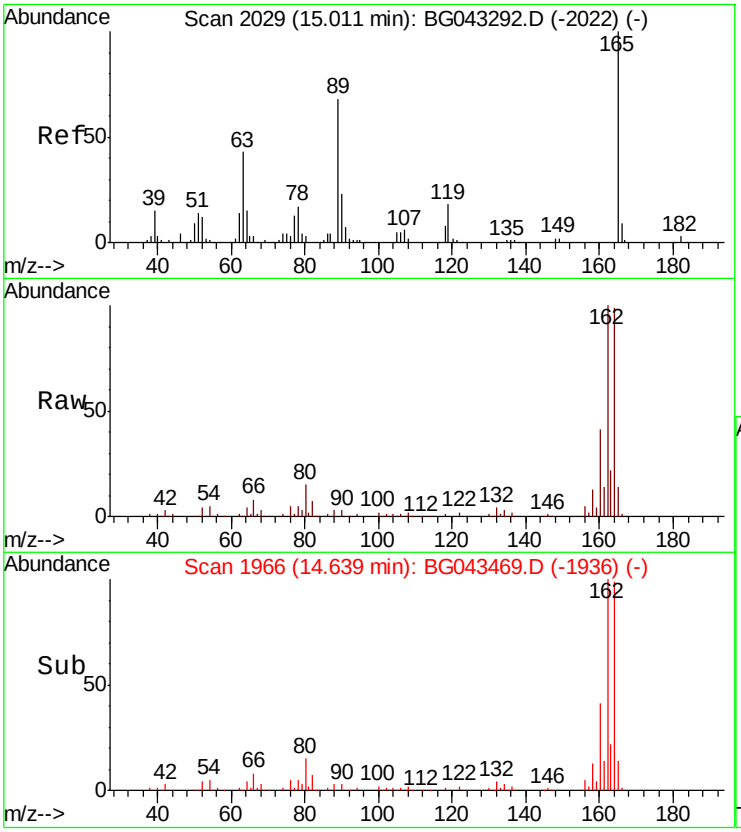


#50
Dimethylphthalate
Concen: 7.572 ng
RT: 14.09 min Scan# 1873
Delta R.T. 0.02 min
Lab File: BG043469.D
Acq: 1 Nov 2019 17:19

Tgt Ion:163 Resp: 66514

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.8
164	11.0	8.5	12.7



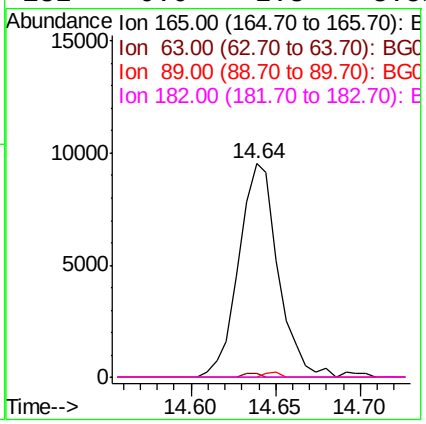


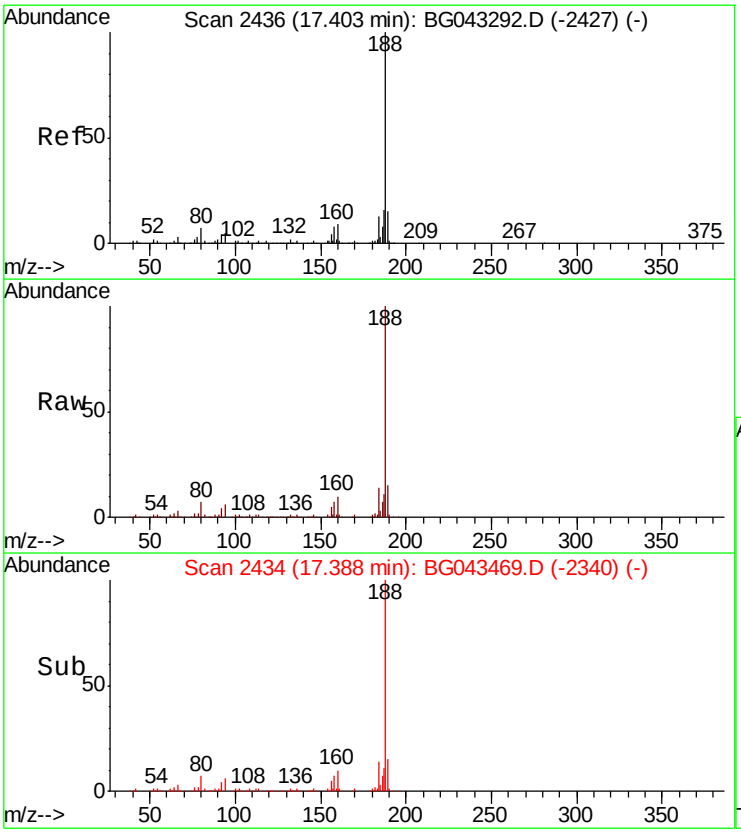
#57
2,4-Dinitrotoluene
Concen: 5.682 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.36 min
Lab File: BG043469.D
Acq: 1 Nov 2019 17:19

Instrument :
BNA_G
ClientSampleId :
20190948-COMPOSITE-KM-PA

Tgt Ion:165 Resp: 15497

Ion	Ratio	Lower	Upper
165	100		
63	1.6	37.4	56.0#
89	0.0	50.9	76.3#
182	0.0	2.3	3.5#

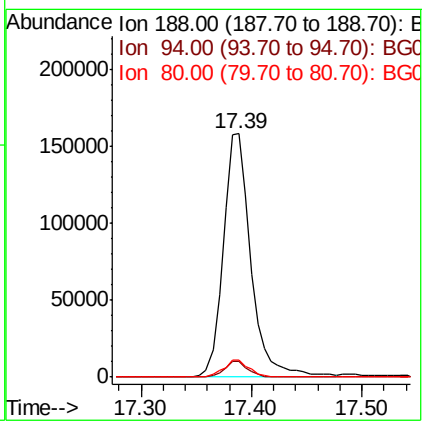


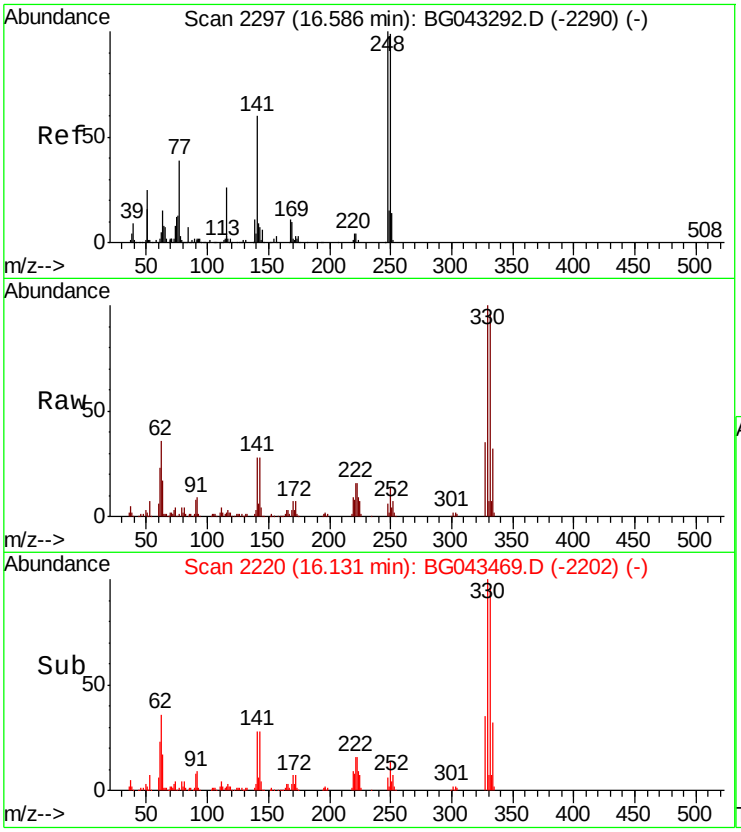


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.02 min
Lab File: BG043469.D
Acq: 1 Nov 2019 17:19

Tgt Ion:188 Resp: 277503

Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.6	7.0
80	6.8	5.2	7.8



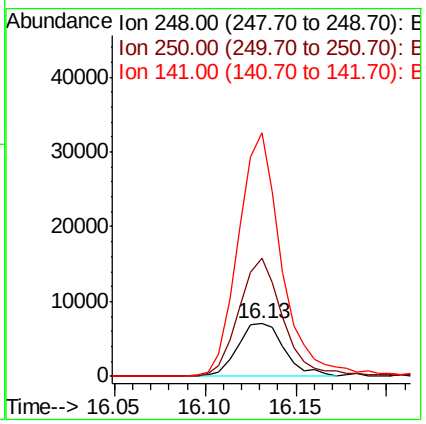


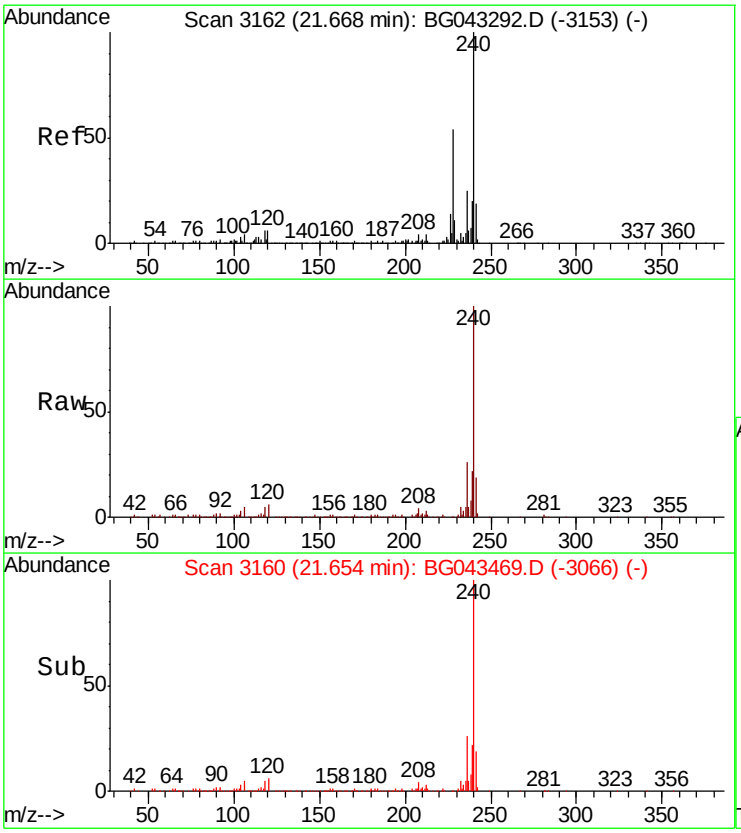
#67
4-Bromophenyl-phenylether
Concen: 3.381 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.43 min
Lab File: BG043469.D
Acq: 1 Nov 2019 17:19

Instrument :
BNA_G
ClientSampleId :
20190948-COMPOSITE-KM-PA

Tgt Ion:248 Resp: 12625

Ion	Ratio	Lower	Upper
248	100		
250	224.4	76.3	114.5#
141	461.6	49.5	74.3#

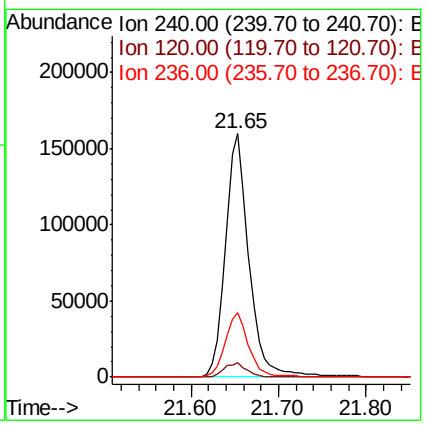


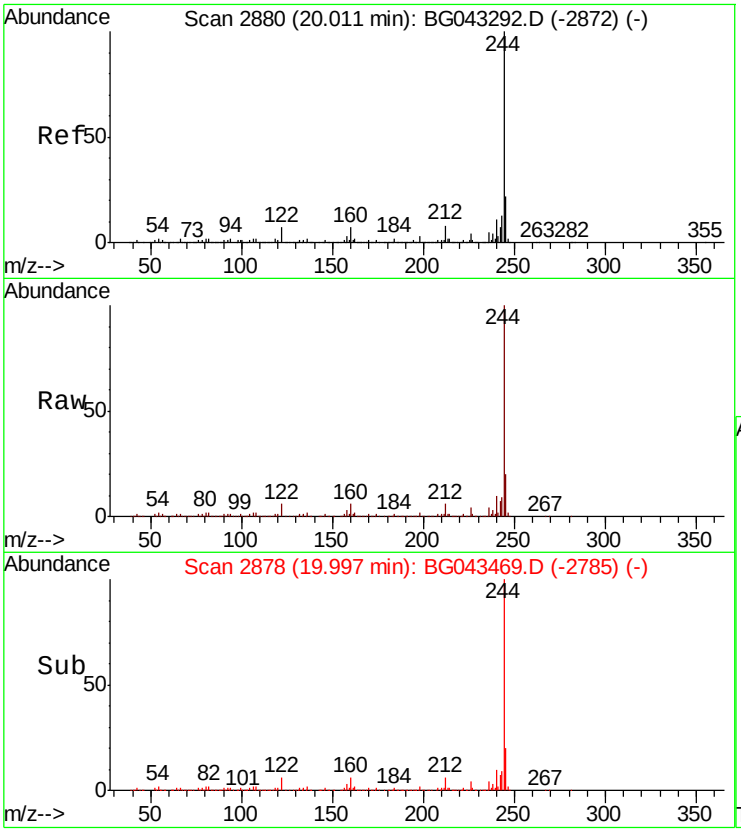


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. 0.02 min
Lab File: BG043469.D
Acq: 1 Nov 2019 17:19

Tgt Ion:240 Resp: 292845

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.9	7.3
236	26.3	21.4	32.0



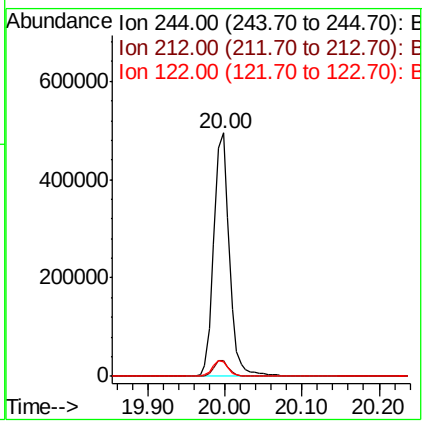


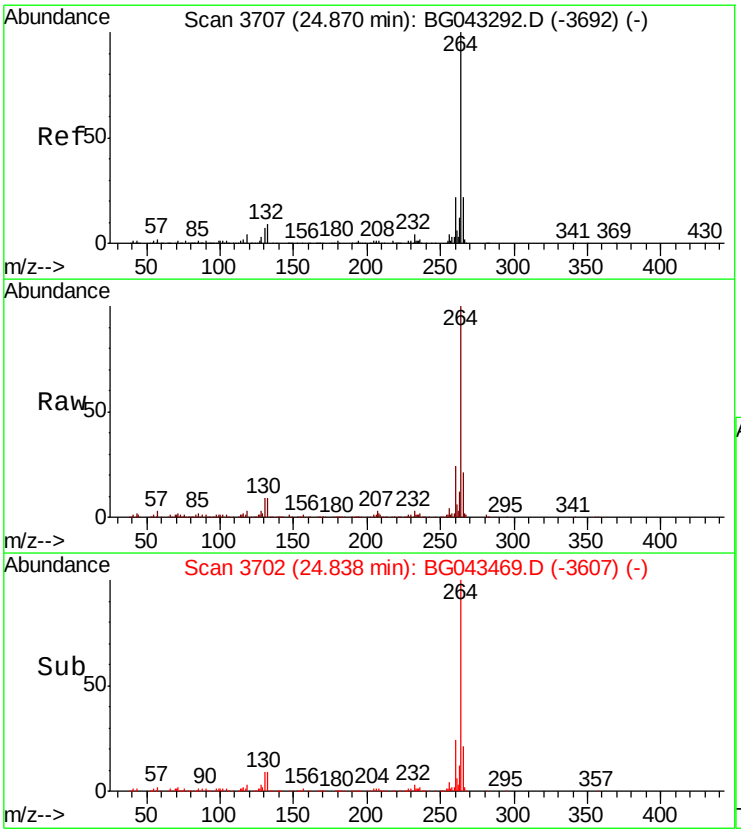
#79
Terphenyl-d14
Concen: 44.121 ng
RT: 20.00 min Scan# 2878
Delta R.T. 0.02 min
Lab File: BG043469.D
Acq: 1 Nov 2019 17:19

Instrument :
BNA_G
ClientSampleId :
20190948-COMPOSITE-KM-PA

Tgt Ion:244 Resp: 688710

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.6	8.4
122	5.9	5.2	7.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3702
Delta R.T. 0.03 min
Lab File: BG043469.D
Acq: 1 Nov 2019 17:19

Tgt Ion:264 Resp: 349115

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	21.3	15.8	23.8